

DELL TECHNOLOGIES VCF 4.2 ON VXRAIL ADMINISTRATION

Course Code: 833000

Learn an administrator to manage a VMware Cloud Foundation (VCF) on VxRail solution.

This course enables an administrator to manage a VMware Cloud Foundation (VCF) on VxRail solution. It covers reviewing the management interfaces, managing users, roles, and passwords, managing certificates and licenses, managing the workload domains, deploying NSX-T Edge cluster, performing lifecycle management, configuring multi-instance management, and exploring troubleshooting and support options. Hands on labs and simulated interactions are included in the course to provide a walkthrough of the key steps involved in the administration of a VCF on VxRail solution.

What You'll Learn

Upon successful completion of this course, participants should be able to:

- Describe the VCF on VxRail architecture
- Manage user accounts, roles and, passwords
- Manage VCF on VxRail components certificates and licenses
- Add and remove Tenant workload hosts
- Explore Developer Center
- Deploy NSX-T Edge cluster
- Describe VCF multi-instance management
- Perform lifecycle management
- Describe the prerequisites and the process to deploy vRealize Suite

Who Needs to Attend

This course is intended for customers, partners and Dell Technologies employees who are responsible for administering and managing a VCF on VxRail solution

Prerequisites

This course assumes that the students are familiar with:

- Basic understanding of VMware Cloud Foundation
- Technical proficiency with VMware ESXi, vSphere and NSX-T components and user interfaces

- Experience of administering VxRail systems

The following training is recommended:

- VxRail 7.0.XXX Administration
- VCF on VxRail Concepts
- VMware Cloud Foundation Fundamentals

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VIRTUAL CLASSROOM LIVE

\$2,860 CAD

2 Day

Virtual Classroom Live Outline

Describe the VCF on VxRail Solution

- VCF Introduction and Benefits
- VCF Use Cases
- VCF on VxRail Architecture Models
- VCF on VxRail Deployment Options
- External Storage for VCF on VxRail
- vSAN HCI Mesh for Virtual Infrastructure (VI) Workload Domains (WLD)
- VCF on VxRail Hardware and Software Options
- Helpful Resources

Navigate the Newly Deployed VCF on VxRail Solution and Describe the Components

- VCF on VxRail Lab Use Case
- User Interfaces
- vSphere Client, VxRail Manager Plugin, SDDC Manager
- Using the Right UI for an Administrative Tasks

Configure Active Directory as an Identity Source

- vCenter Single Sign-On
- Supported External Identity Sources
- Manage User Accounts, Roles and Passwords
- SDDC Manager Roles
- SDDC Manager Accounts

Perform Certificate Management

- Certificate Management
- Configure Certificate Authority (CA) in SDDC Manager
- Remove Old or Unused Certificates

Manage Licenses in VCF on VxRail

- Available Licenses for VCF on VxRail
- Using Licenses

Manage Workload Domains

- Add Host to a Tenant Workload Domain
- Rename a Tenant Workload Domain
- Remove a VxRail Host from a Cluster in a Workload Domain
- Simulation: Use VxRail Plugin to Add a Node to the Tenant Workload Domain cluster
- Simulation: Use SDDC Manager to Add the New Node to the Tenant Workload Domain

Explore Developer Center

- Developer Center Interface
- VCF on VxRail API Considerations
- VCF APIs vs. VxRail API

Deploy NSX-T Edge Clusters NSX-T Edge Clusters with VCF on VxRail

- NSX-T Edge Cluster Deployment Automation
- NSX-T Edge Cluster Deployment Prerequisites

Perform Lifecycle Management

- Lifecycle Management
- Upgrading Workload Domains
- Skip-Level Upgrade

Virtual Classroom Live Labs

- Lab: Use vSphere Client to Explore the Newly Deployed VCF on VxRail solution
- Lab: Explore the SDDC Manager UI
- Lab: Join WLDs vCenters to Active Directory (AD)
- Lab: Add AD as the Default Identity Source
- Lab: Create an Administrative User and Group in AD
- Lab: Review Existing AD Groups
- Lab: Assign SDDC Manager Roles
- Lab: Unassign an SDDC Manager Role
- Lab: Verify SDDC Manager Roles
- Lab: Create and Add a Microsoft CA Template
- Lab: Configure Internet Information Services (IIS) to Allow Access to the CA
- Lab: Configure Access to CA in SDDC Manager
- Lab: Generate a Certificate Signing Request
- Lab: Generate and Install a Signed Certificate
- Lab: Explore Developer Center
- Lab: Create an SDDC Manager Service Account
- Lab: Explore Available Licenses in the SDDC Manager UI
- Lab: Review Downloaded Bundles and the Current Version of SDDC Manager
- Lab: Install Update Bundles

- Lab: Remove a host from the Tenant Workload Domain
- Lab: Deploy an NSX-T Edge Cluster on the VI WLD using the Postman API Tool.

Oct 16 - 17, 2025 | 9:00 AM - 5:00 PM CDT

Dec 1 - 2, 2025 | 9:00 AM - 5:00 PM CST

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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